1st and Final bill

Name of work: Improvements to roads and drains at SC - ST Area of LBS Nagara Allalasandra and surrounding areas in ward no-04 of yelahanka Satellite town sub division

Work Order No: BBMP / EE/ YNK.D / W.O / 151 /2019-20 dt: 08-11-2019.

JOB NUMBER: 004-20-000001.

Estimate Cost: 90.00 lakhs.

As No: EE/ YNK.D/ AS / 48/2019-20 dt 28-10-2019.

Ts No : CE / YNK.Z/ TS / 102 /2019-20 dt 28-10-2019.

Name of Contractor : KRIDL.

MEASUREMENTS

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum							
	Premeasument Recorded vide excel sheet page no						1220.35		
							1220.35	215.28	262717.00
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	Cum							
	Premeasument Recorded vide excel sheet page no								

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							173.33	5421.90	939800.00
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)	Cum							
	for RCC drain bed								
	LBS Nagara Main road LHS		1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	30.00	1.20	0.15	5.40		
			1	20.00	1.20	0.15	3.60		
	LBS Nagara Main road RHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	28.60	0.90	0.15	3.86		
			1	30.00	0.90	0.15	4.05		
			1	29.50	0.90	0.15	3.98		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	13.50	0.90	0.15	1.82		
	side walls								
	LBS Nagara Main road LHS		2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		

Measurements Recorded on 21/12/2019

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
			2	30.00	0.15	0.90	8.10		
	LBS Nagara Main road RHS		2	20.00	0.15	0.90	5.40		
			2	30.00	0.15	0.80	7.20		
			2	30.00	0.15	0.80	7.20		
			2	30.00	0.15	0.80	7.20		
			2	30.00	0.15	0.80	7.20		
			2	30.00	0.15	0.80	7.20		
			2	28.60	0.15	0.80	6.86		
			2	30.00	0.15	0.80	7.20		
			2	29.50	0.15	0.80	7.08		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.80	7.20		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	12.50	0.15	0.75	3.04		
							346.60	7070.20	2450514
4	KSRRB - M2300-14 Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications MORTH Specification No. 1600 & 2200 for TMT bars Fe 500 (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Ton							
	Premeasument Recorded vide excel sheet page no								
							24.373	73992.24	1803447.00

NEW ENGINEERS CONSULTANT BANGALORE

Ramanjaneyulu
21/12/2019

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm							
	LBS Nagara Main road LHS		1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	30.00	1.20		36.00		
			1	20.00	1.20		24.00		
	LBS Nagara Main road RHS		1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	28.60	0.90		25.74		
			1	30.00	0.90		27.00		
			1	29.50	0.90		26.55		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	11.00	0.75		8.25		
							885.54	2337.00	2069507.00
6	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm							

NEWZEN CONSULTANT * BANGALORE *

Ramanjeneyulu
28/12/2019

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

and Drains at SC/ST area of LBS Nagara Allalsandra and
Sub Division

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			6	1.20	0.60		4.32		
			5	1.20	0.60		3.60		
			6	1.50	0.60		5.40		
							13.32	5418.00	72168.00
						Sub Total			7598153.00
						GST 12%			911778.36
						KRIDL service charge 4%			303926.12
						Grand Total			8813857.48

BANGALORE CITIZEN CONSULTANT

Ramaraya acharya

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿಗಳು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Roads and Drains at SC/ST area of LBS Nagara Allalsandra and
of Yelahanka Sub Division

N

1st and Final bill

Name of work: Improvements to roads and drains at SC - ST Area of LBS Nagara Allalasandra and surrounding areas in ward no-04 of yelahanka Satellite town sub division

Work Order No: BBMP / EE/ YNK.D / W.O / 151 /2019-20 dt: 08-11-2019.

JOB NUMBER: 004-20-000001.

Estimate Cost: 90.00 lakhs.

As No: EE/ YNK.D/ AS / 48/2019-20 dt 28-10-2019.

Ts No : CE / YNK.Z/ TS / 102 /2019-20 dt 28-10-2019.

Name of Contractor : KRIDL.

PRE - MEASUREMENTS

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum							
					Measurements Recorded on 16/11/2019				
	for RCC drain								
	LBS Nagara Main road LHS		1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	30.00	1.40	1.20	50.40		
			1	20.00	1.40	1.20	33.60		
			1	30.00	1.10	1.10	36.30		
	LBS Nagara Main road RHS		1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.10	34.61		
			1	28.60	1.10	1.10	36.30		
			1	30.00	1.10	1.10	35.70		
			1	29.50	1.10	1.10			

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.10	36.30		
			1	30.00	1.10	1.00	33.00		
			1	13.50	1.10	1.00	14.85		
							1220.35		
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No 222.I No-27.18)	Cum							
	for RCC drain								
	LBS Nagara Main road LHS		1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	30.00	1.40	0.15	6.30		
			1	20.00	1.40	0.15	4.20		
	LBS Nagara Main road RHS		1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	28.60	1.10	0.15	4.72		
			1	30.00	1.10	0.15	4.95		
			1	29.50	1.10	0.15	4.87		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	30.00	1.10	0.15	4.95		
			1	13.50	1.10	0.15	2.23		
			1	20.00	0.45	0.15	1.35		
	drain edge at RHS side		2	9.20	1.00	0.30	5.52		
	for culvert ramp		2	8.50	1.00	0.30	5.10		
			2	6.00	0.75	0.30	2.70		

NEKZEN CONSULTANTS * BANGALORE *

K.R

Ramanjeeriah
16/11/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

K.R

Ramanjeeriah
23/11/2019

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Ton					173.33		
	LBS Nagara Main road LHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 439.95 Mtr = 439.95 .00/0.1 +1 =4401.00 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	4401	3.15			13863.15		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	30	439.95			13198.50		
	LBS Nagara Main road LHS								
	10mm dia U shap bar at 100mm c/c								
	Length = 178.55 Mtr =178.55/0.1 +1 = 1787 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	1787	2.65			4735.55		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	27	178.55			4820.85		
	Length = 29.95 Mtr =29.95 /0.1 +1 = 300.00 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	300	2.65			795.00		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	25	29.95			748.75		
	Length = 29.45 Mtr =29.45/0.1 +1 = 296 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	296	2.65			784.40		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	24	29.45			706.80		
	Length = 163.45 Mtr =163.45/0.1 +1 = 1640 Nos								

CONSULTANT * BANGALORE * NEW ZEN

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Each u shape bar length = 2.50 mtr	10 mm dia	1640	2.65			4346.00		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	24	163.45			3922.80		
	ABSTRACT								
	16mm dia bar	0.00	1.580	0.00					
	12mm dia bar	0.00	0.888	0.00					
	10mm dia bar	24524.10	0.617	15131.37					
	8mm dia bar	23397.70	0.395	9242.09					
				24373.46					
							24373.46		
				Tonne			24.373		
							24.373		

NEWTECH CONSULTANTS

Ramaranjeevachar
9/12/2019

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106
9/12/2019

of IBS Nagara Allalsandra and